## Attorney Reference: 123054-06005122

Client Reference: OPP 060179US

## **DECLARATION AND POWER OF ATTORNEY RULE 63 (37 C.F.R. 1.63) FOR PATENT APPLICATION** IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I

helow) of the subject matte	er which is claimed an	d for which a paten	listed below) or an original, first at is sought on the INVENTION E ORESOURCES IN WIRELESS I	NTITLED:	
	on of which: (check				
A. ⊠ is atta	ched hereto.	,,			
B. 🔲 was fil	led on		as U.S. Application No		
C. ☐ was fil and (if applicable to U.S. or	led as PCT Interna r PCT application) wa	itional Applicati as amended on _	ion No. PCT/	on	
above. I acknowledge the duty foreign priority benefits under 3 which designated at least one or PCT International Applicatio application on which priority is	y to disclose all informati 35 U.S.C. 119(a)-(d) or 3 other country than the on, filed by me or my ass claimed, or (2) if no prio	ion known to me to be 365(b) of any foreign a Inited States, listed be ignee disclosing the si	e identified specification, including the material to patentability as defined in pplication(s) for patent or inventor's co- low and have also identified below an ubject matter claimed in this application e filing date of this application:	37 C.F.R. 1.56. <u>Ex</u> ertificate, or 365(a) y foreign application	ccept as noted below, I hereby claim of any PCT International Application of for patent or inventor's certificate,
PRIOR FOREIGN APPLIC		Dougli Annah (Vone	Stad Date first laid	Potent/Gr	ant data No priority
Application/Patent Number	Country	Day/Month/Year f		Patent/Gr	
10-2003-0049117 F	Republic of Korea	18/07/2003			
	Republic of Korea	21/04/2004			
If more prior foreign applicat					
PRIOR U.S. PROVISIONA Application Number		AL AND/OR PCT A h/Year filed	PPLICATION(S) Status (pending/abandon		No priority claimed
PCT/KR2004/001781	16/07/2004		Pending		
associated with USPTO Custor the Patent and Trademark Offic persons no longer with their fin	omer No. 43569, as set force connected therewith m, to add new persons or organization who/which uct the above firm and/organization who who will be above firm and/organization who will be above firm and/organization will be above firm and/organi	orth below, individually and with the resulting of their firm to that Cus a sends/sent this case or an attorney of that firm	Group (to whom all communications as and collectively, as my counsel to preatent, and I hereby authorize them to stomer Number, and to act and rely or to them and by whom/which I hereby rm in writing to the contrary.  1043569*	osecute this applica o delete from that C i instructions from a declare that I have	ation and to transact all business in customer Number the names of and communicate directly with the
(1) INVENTOR'S SIGNAT	URE: X		Date	: X	
Name Jae-Heu			KIM		
, , , , , , , , , , , , , , , , , , , ,	First	Midd	dle Initial	Family N	ame
Residence Daejeon			public of Korea		Republic of Korea
residence   Daejeon			State/Foreign Country		Country of Citizenship
A4-72- A 44	City			Verse	Ocara J of Ottaconomp
Mailing Address 106	o-807 Sejong apt., Je	eonmin-aong, Yus	eong-gu, Daejeon-city 305-390		
(2) INVENTOR'S SIGNAT	URE: X		Date	: X	
Name Soon-Yo	ong		LIM		
	First	Mide	dle Initial	Family N	lame
	1 1131				
Residence Daeieon			oublic of Korea		Republic of Korea
Residence Daejeon	ı-city		oublic of Korea State/Foreign Country		
	n-city City	Rep	State/Foreign Country ong-gu, Daejeon-city 305-755, I	Korea	Republic of Korea  Country of Citizenship

See <u>additional foreign priorities</u> on attached page (incorporated herein by reference). Page 1 of 3

## DECLARATION AND POWER OF ATTORNEY (continued) ADDITIONAL INVENTORS:

(3) INVENTOR 3	SIGNATURE:	Date	ð:
Name (	Chul-Sik	YOON	
	First	Middle Initial	Family Name
Residence [	Daejeon-city	Republic of Korea	Republic of Korea
	City	State/Foreign Country	Country of Citizenship
Mailing Address	1208, Daewoo Topia Apt., Dunsa	an-dong, Seo-gu, Daejeon-city 302-120,	, Korea
4) INVENTOR'S S	SIGNATURE:	Date	e:
	Sun-Min	YEO	
	First	Middle Initial	Family Name
Residence Daejeon-city		Republic of Korea	Republic of Korea
	City	State/Foreign Country	Country of Citizenship
Mailing Address	403. Geumvungheights, 136-1, S	Shinseong-dong, Yuseong-gu, Daejeon	
<u> </u>			
5) <b>INVENTOR'S</b> S	SIGNATURE:	Date	e:
<del></del>	Seok-Joo	SHIN	
	First	Middle Initial	Family Name
Residence (	Gwangju-city	Republic of Korea	Republic of Korea
tooluorioe	City	State/Foreign Country	Country of Citizenship
Mailing Address		g-dong, Buk-gu, Gwangju-city 500-712,	
Mailing Address	1 E-703 Gwangju KAIST, T Oryong	g-cong, buk-gu, Gwangju-city 500-7 12,	TOTO TOTO TOTO TOTO TOTO TOTO TOTO TOT
(6) INVENTOR'S S	SIGNATURE:	Date	۵۰
	Boong-Gee	SONG	J
varne i	First	Middle Initial	Family Name
Danistana   [6		···· [ -	
Residence	Seongnam-city, Gyeonggi-do	Republic of Korea	Republic of Korea
	City	State/Foreign Country	Country of Citizenship
Mailing Address	1 103-201 Yangjigeumno apt., Sur	nae-dong, Bundang-gu, Seongnam-city	, Gyeonggi-do 463-919, Korea
(7) INVENTOR'S S	SIGNATURE:	Date	e:
`-'			
	(wang-Seop	I EOM	
	Kwang-Seop First	Middle Initial	Family Name
· <b>y</b>	First	Middle Initial	Family Name  Republic of Korea
· •	First Seongnam-city, Gyeonggi-do	Middle Initial  Republic of Korea	Republic of Korea
Residence S	First Seongnam-city, Gyeonggi-do City	Middle Initial  Republic of Korea  State/Foreign Country	Republic of Korea Country of Citizenship
Residence	First Seongnam-city, Gyeonggi-do City	Middle Initial  Republic of Korea  State/Foreign Country	Republic of Korea
Residence \$	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong	Middle Initial  Republic of Korea  State/Foreign Country  apt., Jeongja-dong, Bundang-gu, Seor	Republic of Korea  Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea
Residence S Mailing Address (8) INVENTOR'S S	First Seongnam-city, Gyeonggi-do City 406-103 Sangrokmaeulboseong	Middle Initial  Republic of Korea  State/Foreign Country apt., Jeongja-dong, Bundang-gu, Seor	Republic of Korea  Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea
Residence S Mailing Address (8) INVENTOR'S S	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee	Middle Initial  Republic of Korea  State/Foreign Country apt., Jeongja-dong, Bundang-gu, Seor  Date	Republic of Korea  Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea e:
Residence S Mailing Address (8) INVENTOR'S S Name I	First  Seongnam-city, Gyeonggi-do City  406-103 Sangrokmaeulboseong  SIGNATURE: Min-Hee First	Middle Initial  Republic of Korea  State/Foreign Country  apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial	Republic of Korea  Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea e: Family Name
Residence S Mailing Address (8) INVENTOR'S S Name I	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do	Middle Initial  Republic of Korea  State/Foreign Country apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea	Republic of Korea  Country of Citizenship  Ingnam-city, Gyeonggi-do 463-787, Korea e:  Family Name  Republic of Korea
Residence S  Mailing Address  (8) INVENTOR'S S  Name I	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do  City	Middle Initial  Republic of Korea  State/Foreign Country  apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea  State/Foreign Country	Republic of Korea Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea e: Family Name Republic of Korea Country of Citizenship
Residence S Mailing Address  8) INVENTOR'S S Name I	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do  City	Middle Initial  Republic of Korea  State/Foreign Country apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea	Republic of Korea  Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea e:  Family Name  Republic of Korea  Country of Citizenship
Residence S Mailing Address  8) INVENTOR'S S Name IN Residence / Mailing Address	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do  City  102, 780-9, Seoksu 3-dong, Man	Middle Initial  Republic of Korea  State/Foreign Country  apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea  State/Foreign Country  nan-gu, Anyang-city, Gyeonggi-do 430-6	Republic of Korea  Country of Citizenship  Ingnam-city, Gyeonggi-do 463-787, Korea  e:  Family Name  Republic of Korea  Country of Citizenship  811, Korea
Residence S Mailing Address  8) INVENTOR'S S Name Residence A Mailing Address  9) INVENTOR'S S	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do  City  102, 780-9, Seoksu 3-dong, Man	Middle Initial  Republic of Korea  State/Foreign Country Lapt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea  State/Foreign Country Lan-gu, Anyang-city, Gyeonggi-do 430-6	Republic of Korea  Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea e:  Family Name Republic of Korea  Country of Citizenship 811, Korea
Residence S Mailing Address  (8) INVENTOR'S S Name Residence A Mailing Address  (9) INVENTOR'S S	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do  City  102, 780-9, Seoksu 3-dong, Man  SIGNATURE:  Jae-Hee	Middle Initial  Republic of Korea  State/Foreign Country  apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea  State/Foreign Country  nan-gu, Anyang-city, Gyeonggi-do 430-8  Date  CHO	Republic of Korea  Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea e:  Family Name  Republic of Korea  Country of Citizenship 811, Korea  e:
Residence  Mailing Address  (8) INVENTOR'S S Name  Residence  Mailing Address  (9) INVENTOR'S S Name	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do  City  102, 780-9, Seoksu 3-dong, Man  SIGNATURE:  Jae-Hee  First	Middle Initial  Republic of Korea  State/Foreign Country  apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea  State/Foreign Country  nan-gu, Anyang-city, Gyeonggi-do 430-6  Date  CHO  Middle Initial	Republic of Korea Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea e: Family Name Republic of Korea Country of Citizenship 811, Korea e: Family Name
Residence  Mailing Address  (8) INVENTOR'S S Name  Residence  Mailing Address  (9) INVENTOR'S S Name	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do  City  102, 780-9, Seoksu 3-dong, Man  SIGNATURE:  Jae-Hee  First  Seongnam-city, Gyeonggi-do	Middle Initial  Republic of Korea  State/Foreign Country  apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea  State/Foreign Country  nan-gu, Anyang-city, Gyeonggi-do 430-6  Date  CHO  Middle Initial  Republic of Korea	Republic of Korea  Country of Citizenship  Ingnam-city, Gyeonggi-do 463-787, Korea  e:  Family Name Republic of Korea  Country of Citizenship  811, Korea  e:  Family Name Republic of Korea
Residence  Mailing Address  (8) INVENTOR'S S Name  Residence  Mailing Address  (9) INVENTOR'S S Name	First  Seongnam-city, Gyeonggi-do  City  406-103 Sangrokmaeulboseong  SIGNATURE:  Min-Hee  First  Anyang-city, Gyeonggi-do  City  102, 780-9, Seoksu 3-dong, Man  SIGNATURE:  Jae-Hee  First  Seongnam-city, Gyeonggi-do  City	Middle Initial  Republic of Korea  State/Foreign Country  apt., Jeongja-dong, Bundang-gu, Seor  Date  CHO  Middle Initial  Republic of Korea  State/Foreign Country  nan-gu, Anyang-city, Gyeonggi-do 430-6  Date  CHO  Middle Initial	Republic of Korea Country of Citizenship ngnam-city, Gyeonggi-do 463-787, Korea e:  Family Name Republic of Korea Country of Citizenship 811, Korea e:  Family Name Republic of Korea Country of Citizenship

See <u>additional foreign priorities</u> on attached page (incorporated herein by reference).

## DECLARATION AND POWER OF ATTORNEY (continued) <u>ADDITIONAL INVENTORS</u>:

(10) INVENTO	DR'S SIGNATURE:	Date:	
Name	Byung-Han	dan RYU,	
	First	Middle Initial (5)	Family Name
Residence	Daejeon-city	Republic of Korea	Republic of Korea
	City	State/Foreign Country.*	Country of Citizenship
Mailing Addre	ss 118-604, Hanvit apt.,	Eoeun-dong, Yuseong-gu, Daejeon-city, Korea	

(11) INVENTO	OR'S SIGNATURE:	Date:	
Name	Seung-Ku	HWANG	
	First	Middle Initial	Family Name
Residence	Seoul	Republic of Korea	Republic of Korea
	City	State/Foreign Country	. Country of Citizenship
Mailing Addre	ss 18-701, Eunma Apt., Daed	hi 2-dong, Gangnam-gu, Seoul 135-969, Korea	